

4.2.L. 05130203120.

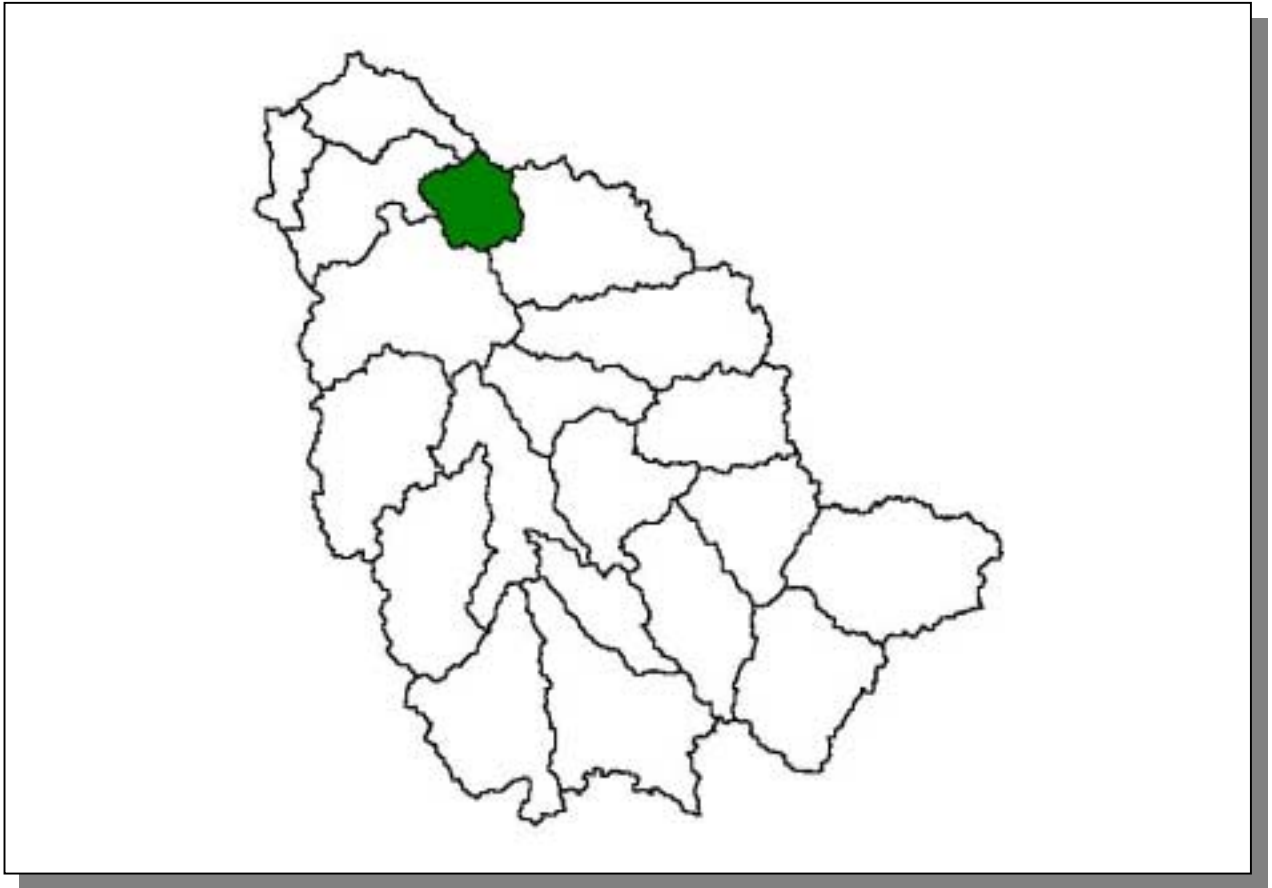


Figure 4-68. Location of Subwatershed 05130203120. All Stones HUC-14 subwatershed boundaries are shown for reference.

4.2.L.i. General Description.

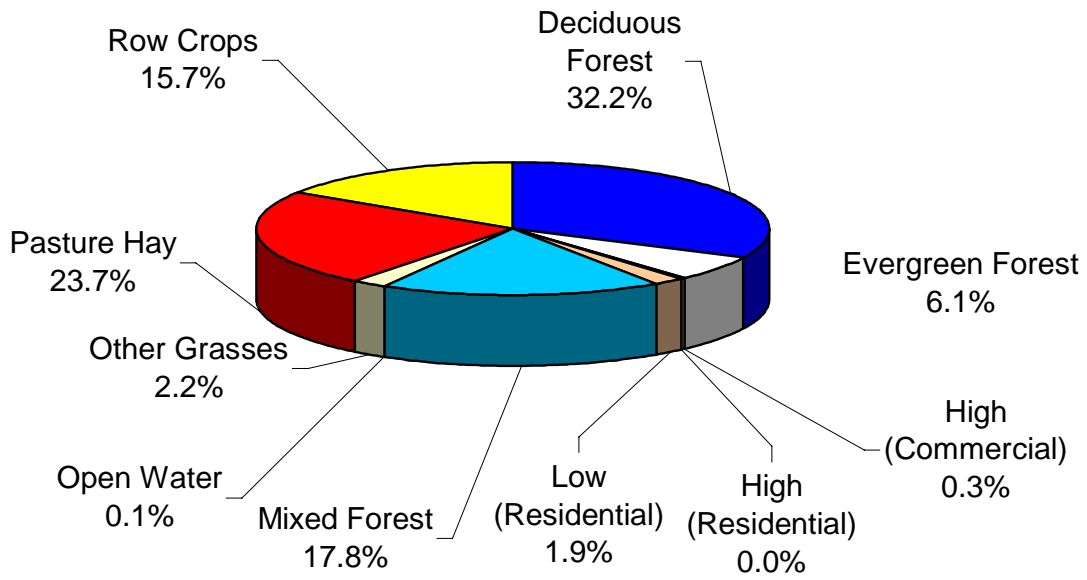


Figure 4-69. Land Use Distribution in Subwatershed 05130203120. More information is provided in Stones-Appendix IV.

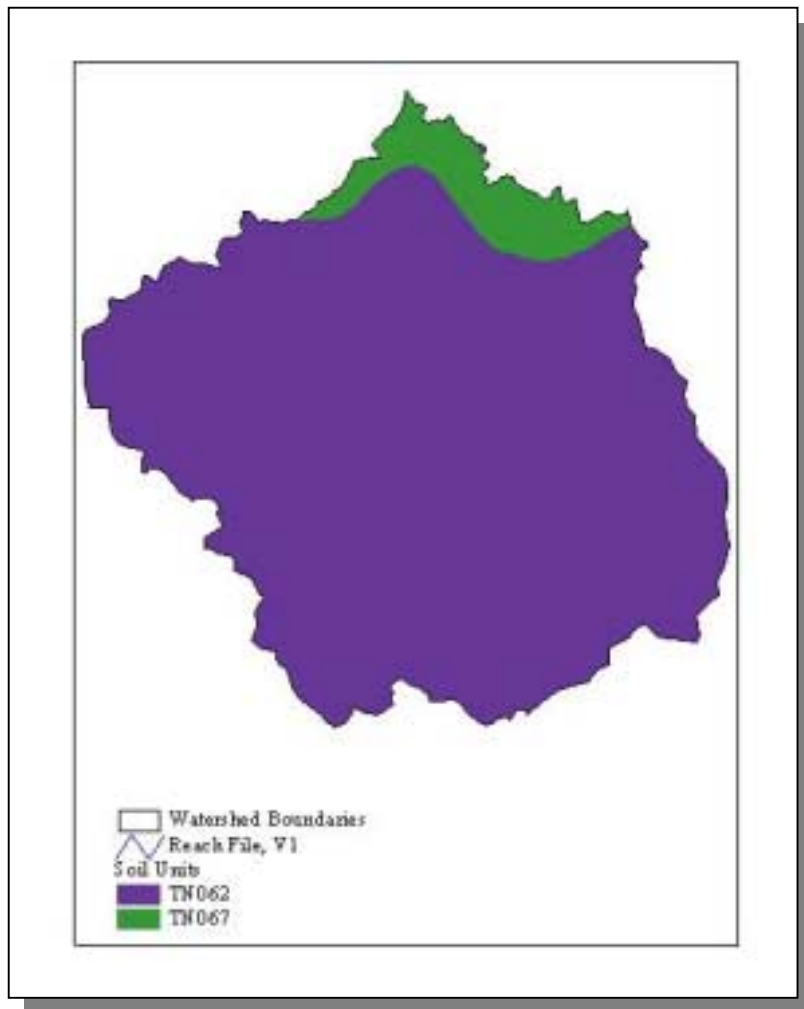


Figure 4-70. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 05130203120.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN062	0.00	C	0.98	4.40	Clayey Loam	0.26
TN067	2.00	C	2.69	5.51	Silty Loam	0.35

Table 4-73. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 05130203120. More information is provided in Stones-Appendix IV

	COUNTY POPULATION			ESTIMATED POPULATION IN WATERSHED		% CHANGE
County	1990	1997 Est.	Portion of Watershed (%)	1990	1997	
Davidson	510,784	535,032	0.03	149	156	4.7
Rutherford	118,570	159,987	0.01	17	22	29.4
Wilson	67,675	81,327	3.59	2,432	2,922	20.1
Totals	697,029	776,346		2,598	3,100	19.3

Table 4-74. Population Estimates in Subwatershed 05130203120.

4.2.L.ii. Point Source Contributions.



Figure 4-71. Location of Active Point Source Facilities (Individual Permits) in Subwatershed 05130203120. More information, including the names of facilities, is provided in Stones-Appendix IV.

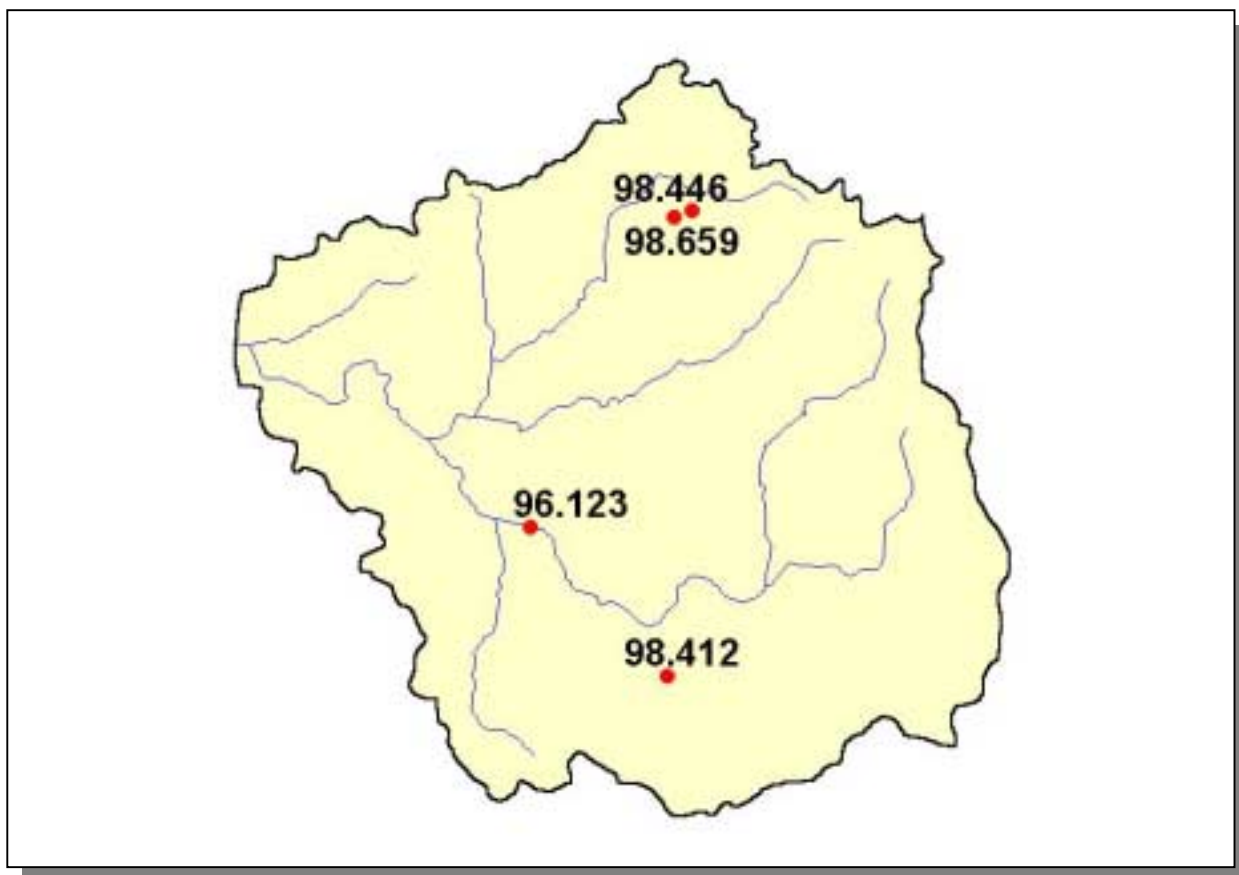


Figure 4-72. Location of Permitted ARAP Sites (Individual Permits) in Subwatershed 05130203120. More details may be found in Stones-Appendix IV.

4.2.L.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)					
Beef Cow	Cattle	Milk Cow	Chickens	Hogs	Sheep
940	1,811	52	<5	59	16

Table 4-75. Summary of Livestock Count Estimates in Subwatershed 05130203120. According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

	INVENTORY		REMOVAL RATE	
County	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Davidson	108.7	108.1	2.3	9.7
Rutherford	155.7	155.7	0.4	0.9
Wilson	98.1	97.0	1.7	6.8
Total	362.5	360.8	4.4	17.4

Table 4-76. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 05130203120.

CROP	TONS/ACRE/YEAR
Soybeans (Row Crops)	6.77
Grass (Pastureland)	0.43
Non Agricultural Land Use	0.00
All Other Close Grown Cropland	2.49
Grass (Hayland)	0.37
Grass,Forbs, Legumes (Mixed Pasture)	0.91
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	0.26
Corn (Row Crops)	2.23
Forest Land (Grazed)	0.00
Tobacco (Row Crops)	19.23
Wheat (Close Grown Cropland)	1.96
Legume Grass (Hayland)	0.38
Berry (Horticultural)	0.47
Cotton (Row Crops)	4.79
Legume (Hayland)	0.32
Legume (Pastureland)	0.12
Conservation Reserve Program Land	0.28

Table 4-77. Annual Estimated Total Soil Loss in Subwatershed 05130203120.